Miao Zhong

List of Publications by Citations

29 papers	2,320 citations	14 h-index	32 g-index
32 ext. papers	2,645 ext. citations	8.5 avg, IF	4.39 L-index

#	Paper	IF	Citations
29	Scalable water splitting on particulate photocatalyst sheets with a solar-to-hydrogen energy conversion efficiency exceeding 1. *Nature Materials*, **2016**, 15, 611-5	27	979
28	Surface Modification of CoO(x) Loaded BiVO Photoanodes with Ultrathin p-Type NiO Layers for Improved Solar Water Oxidation. *Journal of the American Chemical Society*, **2015**, 137, 5053-60	16.4	436
27	Efficient Assembly of Bridged Ga2O3 Nanowires for Solar-Blind Photodetection. *Advanced Functional Materials*, **2010**, 20, 3972-3978	15.6	245
26	Highly Active GaN-Stabilized Ta N Thin-Film Photoanode for Solar Water Oxidation. *Angewandte Chemie - International Edition*, **2017**, 56, 4739-4743	16.4	110
25	Fabrication of hierarchical ZnO architectures and their superhydrophobic surfaces with strong adhesive force. *Inorganic Chemistry*, **2008**, 47, 3140-3	5.1	76
24	A conductive ZnO ZnGaON nanowire-array-on-a-film photoanode for stable and efficient sunlight water splitting. *Energy and Environmental Science*, **2014**, 7, 1693	35.4	69
23	ZnO-ZnGa2O4 core-shell nanowire array for stable photoelectrochemical water splitting. *Nanoscale* , **2012**, 4, 1509-14	7.7	69
22	Oxygen-deficient WO3 @TiO2 core shell nanosheets for efficient photoelectrochemical oxidation of neutral water solutions. *Journal of Materials Chemistry A*, **2017**, 5, 14697-14706	13	55
21	Synthesis of Nanostructured BaTaO2N Thin Films as Photoanodes for Solar Water Splitting. *Journal of Physical Chemistry C*, **2016**, 120, 15758-15764	3.8	55
20	Bulky crystalline BiVO4 thin films for efficient solar water splitting. *Journal of Materials Chemistry A* , **2016**, 4, 9858-9864	13	36
19	Highly Active GaN-Stabilized Ta3N5 Thin-Film Photoanode for Solar Water Oxidation. *Angewandte Chemie*, **2017**, 129, 4817-4821	3.6	22
18	ZnO dense nanowire array on a film structure in a single crystal domain texture for optical and photoelectrochemical applications. *Nanotechnology*, **2012**, 23, 495602	3.4	22
17	Engineering MoSx/Ti/InP Hybrid Photocathode for Improved Solar Hydrogen Production. *Scientific Reports*, **2016**, 6, 29738	4.9	18
16	Facile and Large-Area Preparation of Porous AgPO Photoanodes for Enhanced Photoelectrochemical Water Oxidation. *ACS Applied Materials & Interfaces*, **2017**, 9, 19507-19512	9.5	17
15	Enhancement of Charge Separation and Hydrogen Evolution on Particulate LaTiCuSO Photocathodes by Surface Modification. *Journal of Physical Chemistry Letters*, **2017**, 8, 375-379	6.4	14
14	Self-assembly of versatile tubular-like In(2)O(3) nanostructures. *Nanotechnology*, **2007**, 18, 465605	3.4	14
13	Facile Synthesis of Hollow TiO Single Nanocrystals with Improved Photocatalytic and Photoelectrochemical Activities. *ChemPlusChem*, **2015**, 80, 688-696	2.8	13

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12	Direct integration of vertical In2O3 nanowire arrays, nanosheet chains, and photoinduced reversible switching of wettability. *Applied Physics Letters*, **2008**, 92, 093118	3.4	13
11	Unique Three-Dimensional InP Nanopore Arrays for Improved Photoelectrochemical Hydrogen Production. *ACS Applied Materials & Interfaces*, **2016**, 8, 22493-500	9.5	13
10	Enhancement of Solar Hydrogen Evolution from Water by Surface Modification with CdS and TiO2 on Porous CuInS2 Photocathodes Prepared by an Electrodeposition–Sulfurization Method. *Angewandte Chemie*, **2014**, 126, 12002-12006	3.6	12
9	Stability of hydrogen incorporated in ZnO nanowires by plasma treatment. *Nanotechnology*, **2011**, 22, 435703	3.4	12
8	Vertically aligned ZnO–ZnGa2O4 core–shell nanowires: from synthesis to optical properties. *Journal of Nanoparticle Research*, **2012**, 14, 1	2.3	11
7	Efficient photoelectrochemical hydrogen production over CuInS2 photocathodes modified with amorphous Ni-MoSx operating in a neutral electrolyte. *Sustainable Energy and Fuels*, **2020**, 4, 1607-1611	5.8	4
6	Intractable hiccups as a rare gastrointestinal manifestation in severe endocrine and metabolic crisis: case report and review of the literature. *Therapeutic Advances in Endocrinology and Metabolism*, **2020**, 11, 2042018820934307	4.5	3
5	Effect of hydrogen plasma treatment on the luminescence and photoconductive properties of ZnO nanowires. *Materials Research Society Symposia Proceedings*, **2009**, 1206, 130301		1
4	Pain Management in People with Diabetes-Related Chronic Limb-Threatening Ischemia. *Journal of Diabetes Research*, **2021**, 2021, 6699292	3.9	1
3	The Relationship Between Metabolic Parameters, Age, and Thyroid Status: A Cross-Sectional Study-Based National Survey of Iodine Nutrition, Thyroid Disease. *Risk Management and Healthcare Policy*, **2021**, 14, 1723-1730	2.8	0
2	Morphological evolution of large-scale vertically aligned ZnO nanowires and their photoluminescence properties by hydrogen plasma treatment. *Materials Research Society Symposia Proceedings*, **2011**, 1302, 8101		
1	PHOTOANODIC AND PHOTOCATHODIC MATERIALS APPLIED FOR FREE-RUNNING SOLAR WATER SPLITTING DEVICES **2018**, 251-289		